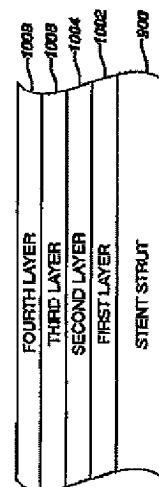


MEDICAL COVER APPLIANCE AND METHOD FOR TREATING BLOOD VESSEL DISORDER

[71] Applicant: CORDIS CORP
 [72] Inventors: FALOTICO ROBERT;
 SPALTRO JOHN
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[57] Abstract:

PROBLEM TO BE SOLVED: To provide a medical appliance and a method for treating various blood vessel disorders, particularly, a vulnerable plaque.

SOLUTION: The medical appliance for treating the atherosclerotic and vulnerable plaque has a stent (900) which becomes a structural support for a fiber cap of a vulnerable plaque diseased part, biocompatible vehicles (1002-1008) mounted in at least a part of the stent, at least one first active which is mixed in the biocompatible vehicles in a treatment dosage for treating the fiber cap of the vulnerable plaque diseased part, and at least one second active mixed into the biocompatible vehicles in treatment dosage for treating a lipid core of the vulnerable plaque diseased part. Each biocompatible vehicle is constituted to discharge at least the one first active at speed higher than that of at least the one second active and to discharge at least the one first active for a duration shorter than that of at least the one second active.

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